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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK
SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION IIII

IPIR NUMBER 13

OAK SUPPLEMENT PART VII

23 JULY - 10 AUGUST 1970

**Handle via
Talent-Keyhole
Channels Only**

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WARNING

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)
Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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PREFACE

PREFACE

THIS IS THE SEVENTH OAK SUPPLEMENT REPORT ON MISSION 1111.
FOR ADDITIONAL PREFACE DETAILS, SEE FIRST OAK SUPPLEMENT.

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25X1D

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CHINA, COMMUNIST
COMMO/ELEC/RADAR FACILITIES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1A
KUNG-HSIEN MICROWAVE FACILITY SEARCH
[REDACTED]

25X1D 25X1D
34-41- [REDACTED] N 113-00- [REDACTED] E
[REDACTED]

STATUS: UNKNOWN

REMARKS:
SMALL SCALE PHOTOGRAPHY PRECLUDED IDENTIFICATION OF A MICROWAVE
FACILITY.

25X1D

[REDACTED]

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25X1A

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UNITED ARAB REPUBLIC
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

JABAL HAMZI SSM COMPLEX

25X1A

25X1D

25X1D

30-08- N 030-36- E
1C0036

STATUS: UNKNOWN

REMARKS:
THE ENTIRE COMPLEX IS COVERED. NO MISSILES OR MISSILE-RELATED
EQUIPMENT OBSERVED.

25X1D

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1A

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

AKTYUBINSK IRBM COMPLEX
NAC

49-59- N 056-54- E

STATUS: OPERATIONAL

25X2

25X1D

REMARKS:

ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. TWO POSSIBLE
MISSILE TRANSPORTERS WERE IN THE FACILITY. AT
THE TRANSFER POINT, A PROBABLE MISSILE RAIL CAR WAS OBSERVED ON
IT WAS NOT VISIBLE ON

25X1D

25X1D

25X1D

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1A

25X1D

25X1D

25X1D

GROZNY MRBM COMPLEX

25X1A

43-09- N 045-00- E

STATUS: UNKNOWN

REMARKS:
LAUNCH SITE 3 COULD BE IDENTIFIED ONLY. NO OTHER COMPONENTS OF
THE COMPLEX WERE VISIBLE. NO SILO CONSTRUCTION OBSERVED IN
VISIBLE PORTIONS OF THE SEARCH AREA.

25X1D

25X1D

25X1D

25X1D GVARDEYSK MRBM COMPLEX
NAC

25X1A 54-42- N 021-09- E

STATUS: NOT OPERATIONAL

25X1D

REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE VISIBLE. A LARGE VEHICLE OR
PIECE OF EQUIPMENT WAS OBSERVED ON THE SE PAD AT LAUNCH SITE 1
ON NO SILO CONSTRUCTION OBSERVED.

25X1D

25X1D

25X1D

25X1D JONAVA MRBM COMPLEX
NAC

25X1A 54-59- N 024-09- E

STATUS: OPERATIONAL

REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE VISIBLE. ERECTORS WERE ON
ALL FOUR PADS AT BOTH LAUNCH SITES. EIGHT OXIDIZER AND FOUR
FUEL TRANSPORTERS WERE ALSO OBSERVED AT BOTH SITES. IN THE
SUPPORT AREA MOTOR POOL AT LAUNCH SITE 2, A LARGE ERECTED
UNIDENTIFIED OBJECT WAS VISIBLE. THE SUPPLIES AND FOUR LONG
CYLINDRICAL OBJECTS, PREVIOUSLY REPORTED IN THE TRANSFER POINT
STORAGE AREA, REMAIN. NO SILO CONSTRUCTION OBSERVED.

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SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

[REDACTED]

25X1A

25X1D

KRASNOZNAMENSK MRBM COMPLEX
[REDACTED] NAC

55-01- [REDACTED] N 022-16- [REDACTED] E

25X1D

25X1D STATUS:OPERATIONAL

REMARKS:
ONLY PORTIONS OF LAUNCH SITE 1, FIXED FIELD SITE 1, AND FIXED
FIELD SITE 2 WERE VISIBLE. LAUNCH SITE 2, THE TRANSFER POINT,
AND THE HF COMMUNICATIONS FACILITY COULD BE IDENTIFIED ONLY.
ERECTORS WERE VISIBLE ON THE PADS AT LAUNCH SITE 1 AND SOME
UNIDENTIFIED ACTIVITY WAS OBSERVED ON THE NE PAD.

25X1D

[REDACTED]

25X1A

25X1D 25X1D

25X1D SOVETSK MRBM COMPLEX
[REDACTED] NAC

54-59- [REDACTED] N 021-32- [REDACTED] E

STATUS:OPERATIONAL

REMARKS:
LAUNCH SITES 1 AND 2 AND FIXED FIELD SITES 1 AND 2 WERE
VISIBLE. THE HF COMMUNICATIONS FACILITY COULD BE IDENTIFIED
ONLY. AT LAUNCH SITE 1, UNIDENTIFIED ACTIVITY, POSSIBLY A
MISSILE EXERCISE, WAS OBSERVED ON THE SOUTH-CENTRAL PAD. NO
SILO CONSTRUCTION OBSERVED. ERECTORS WERE VISIBLE ON ALL FOUR
PADS AT EACH LAUNCH SITE. EIGHT OXIDIZER TRANSPORTERS WERE
OBSERVED AT LAUNCH SITE 2 AND SIX WERE VISIBLE AT LAUNCH SITE

25X1D 1.

[REDACTED]

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SOVIET UNION

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DEPLOYED STRATEGIC SSM FACILITIES

25X1D

25X1A

25X1D

25X1D

YELSK MRBM COMPLEX
[REDACTED] NAC

51-43-[REDACTED] N 029-13-[REDACTED] E

STATUS: OPERATIONAL

REMARKS:
FIXED FIELD SITE 1 WAS VISIBLE AND LAUNCH SITES 1 AND 2 WERE
PARTIALLY VISIBLE. A PROBABLE ERECTOR AND PROBABLE MISSILE
WERE ON ONE LAUNCH PAD AT LAUNCH SITE 1. PROBABLE ERECTORS
WERE ON THE OTHER THREE PADS. A NORMAL COMPLEMENT OF OXIDIZER
AND FUEL TRANSPORTERS WAS PRESENT. POSSIBLE ERECTORS WERE ON
THE LAUNCH PADS AT LAUNCH SITE 2. NO SILO CONSTRUCTION
OBSERVED.

25X1D

25X1D

25X1D

ZNAMENSK MRBM COMPLEX
[REDACTED] NAC

25X1A
54-34-[REDACTED] N 021-09-[REDACTED] E

25X1D

STATUS: OPERATIONAL

25X1D

REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE VISIBLE. A POSSIBLE MISSILE
EXERCISE WAS OBSERVED ON [REDACTED] AT THE SE PAD OF LAUNCH SITE
2. A POSSIBLE MISSILE ON A TRANSPORTER WAS ALSO VISIBLE IN
FRONT OF THE NORTH-CENTRAL MISSILE-READY BUILDING. NO SILO
CONSTRUCTION OBSERVED.

25X1D

25X1D

25X1D

25X1D

OTHER RESULTS-NO APPARENT CHANGE

DZHAMBUL IR/MRBM HQ RADCOM STA/HARD
[REDACTED] NAC

25X1A
43-00-[REDACTED] N 071-23-[REDACTED] E

STATUS: OCCUPIED

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25X1A

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SOVIET UNION
MISSILE RANGES

25X1D

SIGNIFICANT RESULTS

25X1A

SARY-SHAGAN TRACKING FACILITY 10

46-57-//N 072-32-//E

STATUS: UNKNOWN

REMARKS:
WORK APPEARED TO BE CONTINUING ON THE ROOF OF THE HEN EGG RADAR
CONTROL BUILDING. UNIDENTIFIED ACTIVITY WAS IN PROGRESS ON THE
ROOF OF THE OPERATIONS BUILDING ADJACENT TO THE HEN EGG CONTROL
BUILDING.

25X1D

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

SIGNIFICANT RESULTS

25X1A

25X1D

25X1D

CHEKHOV ABM/SPACE RADAR SITE B

55-12- N 037-18-E

25X1A

STATUS: UNDER CONSTRUCTION

REMARKS:
THE ANTENNA FRAMEWORK APPEARED UNCHANGED. THE ROOF ON THE CONTROL BUILDING WAS PROBABLY COMPLETE EXCEPT FOR WEATHER PROOFING. A ROOF HAS BEEN INSTALLED ON THE BUILDING AT THE ON-SITE COOLING FACILITY. ADDITIONAL TREE CLEARANCE AND GROUND SCARRING WERE OBSERVED EAST OF THE ANTENNA FRAMEWORK AND CONTROL BUILDING. NO SIGNIFICANT CHANGES WERE OBSERVED IN THE SUPPORT AND HOUSING FACILITIES.

25X1D

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

DONETSK SAM SITE A35-2

25X1A

25X1D

25X1A

25X1D

48-06- [REDACTED] N 037-45- [REDACTED] E

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

9 NM NNE OF DONETSK.
THE STAR-CONFIGURED SITE CONSISTS OF SIX REVETTED LAUNCH
REVETMENTS, A REVETTED GUIDANCE AREA, AND THREE REVETTED
MISSILE-HOLD POSITIONS. ON-SITE SUPPORT CONSISTS OF TWO LARGE
AND AT LEAST SIX SMALLER BUILDINGS. WITHIN THE ON-SITE SUPPORT
AREA ARE A LARGE EXCAVATION AND FOOTINGS FOR A LARGE BUILDING.
SEVERAL UNIDENTIFIED EXCAVATIONS ARE IMMEDIATELY SW.
APPROXIMATELY 183 METERS (600 FEET) TO THE SOUTH OF THE SITE IS
A LARGE CLOSED RECTANGULAR REVETMENT WITH ONE EXIT.

25X1D

25X1D

25X1A

25X1D

25X1A

25X1D

DONETSK SAM SITE B16-2
NAC

47-45- [REDACTED] N 037-59- [REDACTED] E

STATUS: OCCUPIED

25X1D

25X1D

25X1A

25X1D

25X1D

25X1A

DONETSK SAM SUPPORT FACILITY

47-54- [REDACTED] N 037-47- [REDACTED] E

STATUS: OPERATIONAL

PHYSICAL DESCRIPTION:

6 NM SOUTH OF DONETSK.
THE TYPE I SAM SUPPORT FACILITY CONSISTS OF ONE LARGE
DRIVE-THROUGH MISSILE STORAGE BUILDING, ONE DRIVE-THROUGH

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SOVIET UNION
AIR DEFENSE MISSILES

MISSILE ASSEMBLY/CHECKOUT BUILDING, ONE SMALL PROBABLE MISSILE ASSEMBLY/CHECKOUT BUILDING, A REVETTED BOOSTER STORAGE BUILDING, A REVETTED WARHEAD STORAGE BUILDING, A REVETTED FUZE STORAGE BUILDING, A C-SHAPED REVETMENT CONTAINING AT LEAST ONE SMALL SHED, ONE DRIVE-IN REVETMENT, AND AT LEAST THREE OTHER SUPPORT BUILDINGS. ADJACENT TO THE SUPPORT FACILITY WITHIN THE SECURITY FENCE OF THE FACILITY IS A SEPARATELY SECURED PROBABLE VEHICLE STORAGE/MAINTENANCE AREA CONSISTING OF ONE LARGE VEHICLE STORAGE BUILDING. VEHICLES AND EQUIPMENT WERE OBSERVED IN BOTH THE SUPPORT AND VEHICLE STORAGE AREAS.

25X1D 25X1D

KALINKOVICHI SAM SITE A02-2
NAC

25X1A 52-16- N 029-24- E

STATUS:OCCUPIED

25X1D 25X1D

KHARKOV SAM SITE A01-2
NAC

25X1A 50-07- N 036-16- E

STATUS:OCCUPIED

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D

25X1A

25X1D

25X1D

25X1A

KRAMATORSK SAM SITE B17-2

48-29- [REDACTED] N 037-38- [REDACTED] E

STATUS: OCCUPIED

REMARKS:
THE MISSILE-HOLD POSITIONS HAVE PARTIAL COVERS.

25X1D

25X1D 25X1A

25X1A

25X1D

25X1D KRAMATORSK SAM SUPPORT FACILITY
NAC

48-43- [REDACTED] N 037-36- [REDACTED] E

STATUS: OPERATIONAL

25X1D

25X1D 25X1A

25X1A

25X1D

25X1D

LISICHANSK SAM SITE A19-2

48-48- [REDACTED] N 038-25- [REDACTED] E

STATUS: OCCUPIED

REMARKS:
ONE NEW BUILDING HAS BEEN CONSTRUCTED WITHIN THE SUPPORT AREA
AND AN EXCAVATION FOR A POSSIBLE BUILDING WAS OBSERVED.

25X1D

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SOVIET UNION
AIR DEFENSE MISSILES

25X1D



25X1D

25X1D

25X1D

LUGANSK SAM SITE B24-2

25X1A

48-28- N 039-05- E



STATUS:OCCUPIED

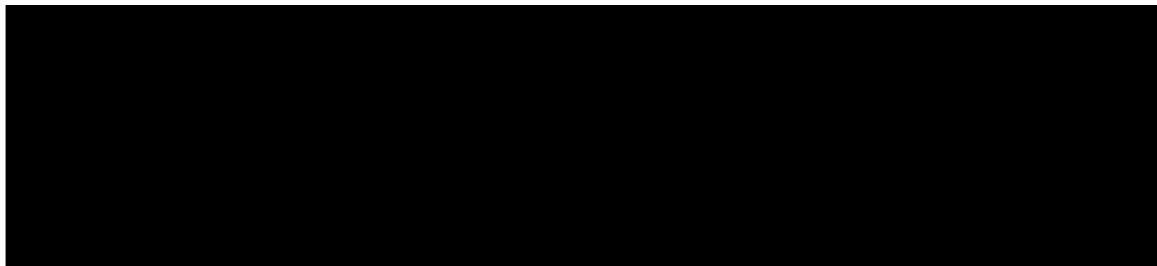
25X1A

PHYSICAL DESCRIPTION:

10.5 NM WSW OF LUGANSK.

THE STAR-CONFIGURED SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, A REVETTED ACQUISITION RADAR POSITION, AND THREE REVETTED MISSILE-HOLD POSITIONS. ON-SITE SUPPORT CONSISTS OF ONE REVETTED BUILDING AND NINE OTHER BUILDINGS. A SMALL-ARMS FIRING RANGE IS IMMEDIATELY WEST OF THE SITE.

25X1D



25X1D

25X1D

25X1D

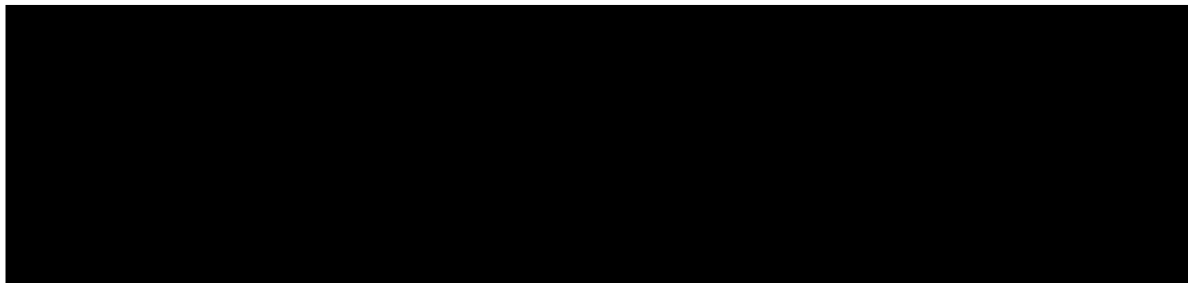
LUGANSK SAM SUPPORT FACILITY
NAC

25X1A 48-32- N 039-10- E



STATUS:OPERATIONAL

25X1D



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